#### EC386 Cryptography & Data Security

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Introduction

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Confidentiality & Privacy Goals

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Unintelligible to the Unauthorized

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- and a lot more ...

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- Recipient / Receiver: Authorized person to whom the cryptogram is sent!

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Sirrr!!! That's the limit! Don't tell us you are gonna define what an algorithm is!!!

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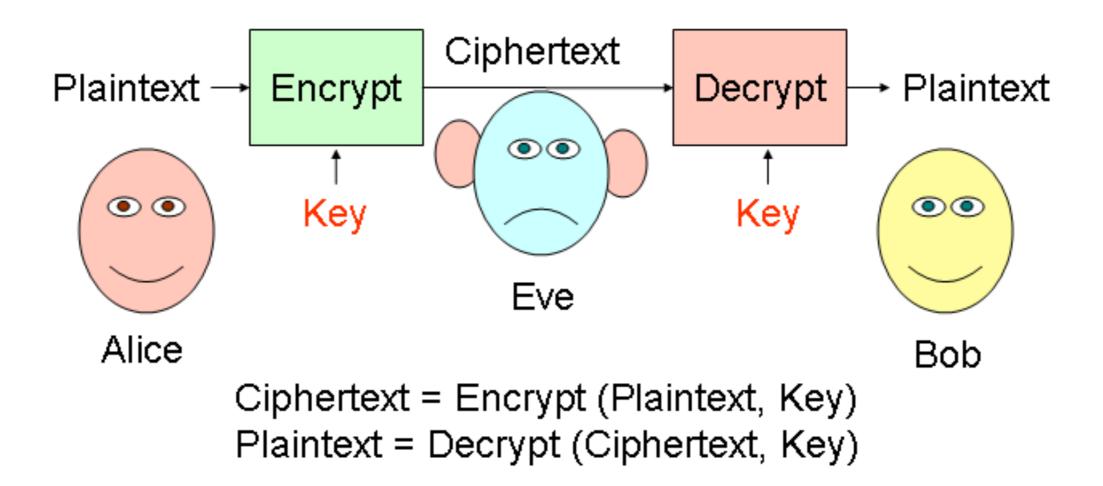
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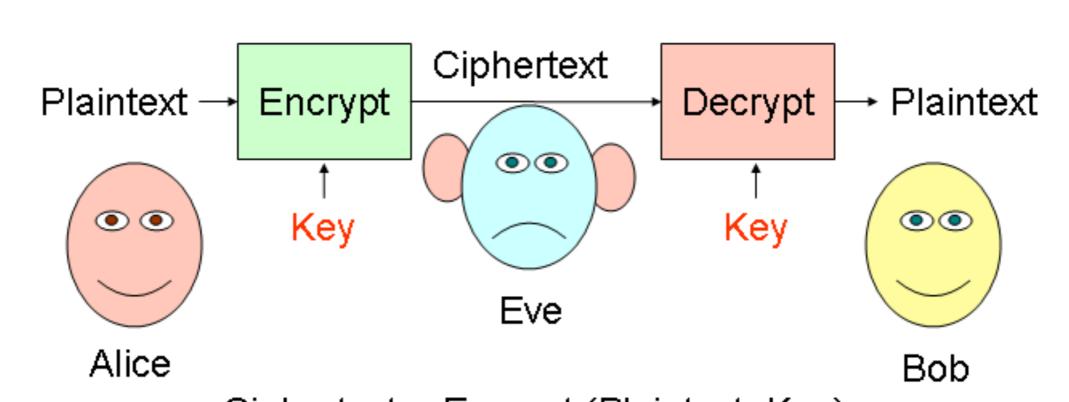
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- Cryptology: Cryptography + Cryptanalysis

### Cipher System - Illustrated



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Shabbbaaaaa!!! Some non text slide after a long time!!!



Ciphertext = Encrypt (Plaintext, Key)
Plaintext = Decrypt (Ciphertext, Key)

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- In simple terms, non repudiation Ability to prevent denial

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- Bruce Schneier